

The collections in the department of Invertebrate Paleontology have received a number of accessions during the year, but none of very great importance. Attention is called in the report of the Curators to the addition of a number of new cases to the main floor of the Museum, which will now permit of the definite location of the Academy's share of the extensive series of fossils collected in Florida in the early part of last year, and which, during study, had been temporarily deposited in the room pertaining to Ethnology and Archæology. The arrangement of a synoptic geological and paleontological collection, designed as a "key" or *practical* manual for the student, is also indicated in the Curator's report.

The collections in general have been studied by a number of students from the city schools, and material from them has been sent to Prof. R. P. Whitfield, of New York, to assist in the preparation of an extensive work on the fossil invertebrate fauna of the State of New Jersey.

Very respectfully,

ANGELO HEILPRIN,
Prof. of Invertebrate Paleontology.

REPORT OF THE PROFESSOR OF INVERTEBRATE ZOOLOGY.

The Professor of Invertebrate Zoology respectfully reports, that during the past year he has delivered a series of ten lectures on the "Sense Organs in the Animal Kingdom," besides having conducted a class in animal dissection during the spring months. In the autumn he inaugurated a class in practical comparative histology, which at present numbers six students, meeting once a week, on Saturdays.

A course of some five lectures is intended to be given during January and February of the coming year, on "Certain Chapters in Zoological Philosophy."

The additions to the Museum have not been very numerous nor especially important, although comprising a number of interesting forms that have been heretofore wanting. Much improvement has been made by the Curator-in-Charge, in the more systematic

arrangement of the collections, and it is hoped in a very short time a regular zoological sequence may be established.

Very respectfully,

BENJAMIN SHARP,

Professor of Invertebrate Zoology.

REPORT OF THE PROFESSOR OF MINERALOGY.

The Professor of Mineralogy respectfully reports that since his last published report he has delivered in the Hall of the Academy a course of twenty-five lectures on Mineralogy, to a class of some thirty persons. Field excursions and lectures in the neighborhood of the city were given, as well as practical instruction in the laboratory of the Academy. During the past two years no lectures were given on account of absence in Europe, the undersigned being engaged during the winters in petrological studies at the University of Heidelberg, and during the summers at geological researches in Great Britain and on the continent. It is intended to deliver a course of illustrated lectures upon Microscopical Petrology during the present winter.

As shown by the accompanying report of the Curators, the mineralogical collection of the Academy has been enriched by a number of valuable additions.

Respectfully submitted,

H. CARVILL LEWIS,

Professor of Mineralogy.

REPORT OF THE PROFESSOR OF ETHNOLOGY AND ARCHÆOLOGY.

During the past year a private course of six lectures were delivered by me on Anthropology and several on Archæology in the popular course. They were well attended, and there have been many indications that these subjects and those of pre-historic man and Ethnology, which are properly branches of it, are exciting more and more attention, both in the American scientific world at large and particularly in this community and among members of the Academy.